



*Via first class mail with Certificate of Mailing*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application No.: **10/089,025**

Applicant: **HOOLEY et al**

For: **METHOD AND APPARATUS TO DIRECT SOUND**

Filed: **June 21, 2002**

GAU/Nappi: **2837/NAPPI**

Atty Docket No **ONE1.002 (was 017-002)**

**RECEIVED**

NOV 19 2003

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22213-1450

Technology Center 2600

**STATEMENT ACCOMPANYING  
INFORMATION DISCLOSURE CITATION LISTINGS**

Sir:

Applicant submits three Information Disclosure Citation Listings for the purpose of having the cited references printed on the first page of the United States patent which we expect to eventuate from the present application. A list of the patent(s) and/or publication(s) is set forth on the attached Forms PTO-1449. The references listed thereon have already been disclosed to the United States Patent Office, being cited in the International Search Report, issued by the European Patent Office on November 7, 2001 for its International Patent Application counterpart no. PCT/GB00/03742. Applicant believes that the Examiner possesses the report and copies of the individual references listed thereon. Accordingly, applicant has *not* enclosed copies of the individual references.

Applicant believes that no fee is required for submission of this citation listing.

Inclusion of a reference in these listings is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such, nor that any cited reference discloses anything other than what is shown and stated therein.

The filing of these Information Disclosure Citation Listings shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists.

*Statement Accompanying Information Disclosure Citation Listing  
U.S. Patent Application 10/089,025*

---

The filing of these Information Disclosure Citation Listings shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b).

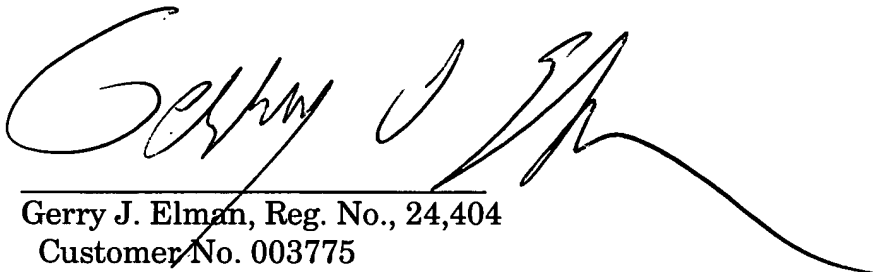
This statement is made by the attorney who signs below on the basis of the information supplied by the inventors' British patent counsel and the information in the attorney's file.

**ACCOMPANYING THIS STATEMENT ARE:**

- \* Form PTO-1449 comprising 3 page(s) listing 25 citations

Respectfully submitted,

Date: November 6, 2003



Gerry J. Elman, Reg. No., 24,404  
Customer No. 003775  
Elman Technology Law, P.C.

Substitute for form 1449/PTO

**37 CFR 1.501**  
**INFORMATION**  
**DISCLOSURE**  
**CITATION IN A PATENT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/089,025
Filing Date	June 21, 2002
First Named Inventor	Hooley
Art Unit	2837
Examiner Name	NAPPI, R.
Sheet 1 of 3	Attorney Docket No. ONE1.002

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	CITE NO.	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUB- CLASS	FILE NO. DATE (if appropriate)
	A	5	8	3	4	6	4	7	10/1998	GAUDERLOT et al	73	570	NOV 19 2003
	B	4	1	9	0	7	3	9	02/1980	TORFFIELD	179	1 GA	Technology Center 2600
	C	5	1	6	6	9	0	5	11/1992	CURRIE	367	19	
	D	5	8	5	9	9	1	5	01/1999	NORRIS	381	75	
	E	5	7	4	5	4	3	5	04/1998	FAGE et al	367	13	
	F	5	1	3	1	0	5	1	07/1992	KISHINAGA et al	381	82	
	G	6	0	8	4	9	7	4	07/2000	NIIMI	381	104	
	H												
	I												
	J												
	K												
	L												
	M												
	N												
	O												
	P												
	Q												
	R												

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE CITATION LISTING**

(Use as many sheets as necessary)

*Complete if Known*

Application Number	10/089,025
Filing Date	June 21, 2002
First Named Inventor	Hooley
Art Unit	2837
Examiner Name	
Attorney Docket No.	ONE1.002

RECEIVED

NOV 19 2003

Technology Center 2600

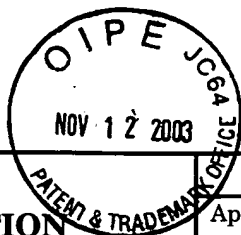
Sheet 2 of 3

## **FOREIGN PATENT DOCUMENTS**

Examiner's Initials	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation	
						YES	NO
	0412770 (Abstract)	04/1992	Japan	H04S	5/02	X	
	02013097 (Abstract)	01/1990	Japan	H04R	3/12	X	
	31 42 462	05/1992	Germany	H04R	1/20		X
	0 025 118	03/1982	EPO	H04R	5/02	X	X
	2 116 929	07/1998	Spain	H04S	7/00		X
	96 31086	03/1996	WIPO	H04R	5/04	X	
	11030525 (Abstract)	02/1999	Japan	G01C	21/00	X	
	11027604 (Abstract)	01/1999	Japan	H04N	5/60	X	
	06178379 (Abstract)	06/1994	Japan	H04R	1/34	X	
	06318087 (Abstract)	11/1994	Japan	G10K	15/00	X	
	0 591 899	04/1994	EPO	H05B	37/02	X	
	1 603 201	11/1981	GB	H04R	3/08	X	
	05199583	08/1993	Japan	H04R	1/34	X	
	SU 1 678 327 (Abstract)	09/1991		A61B	8/00	X	
	62076958 (Abstract)	04/1987	Japan	H04M	9/00	X	
	63014588	01/1988	Japan	HO4N	7/14	X	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Substitute for form 1449/PTO

Complete if Known

**INFORMATION  
DISCLOSURE  
CITATION LISTING**

(Use as many sheets as necessary)

Application Number	10/089,025
Filing Date	June 21, 2002
First Named Inventor	Hooley
Art Unit	2837 Technology Center 2600
Examiner Name	NAPPI, R.
Sheet 3 Of 3	Attorney Docket Number ONE1.002

RECEIVED

NOV 19 2003

**OTHER NON-PATENT LITERATURE DOCUMENTS**

Examiner's Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published	
	A	KOMIYAMA, Setsu; "Distance Control of Sound Images for 3D TV"; NHK Laboratories Note, (1992) August; page(s) 1-11; Vol. 406; NHK Technical Research Laboratories; Tokyo.	
	B	"Waveform Inversion for Individual Ambient Sound Control"; IBM Technical Disclosure Bulletin; (1993) September; page(s) 537-540; Vol. 36; no. 9A; IBM Corporation; New York.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.